



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: :
YUHPYNG L. CHEN :
APPLICATION NO.: 09/580,791 :
FILING DATE: May 30, 2000 :
TITLE: CORTICOTROPIN RELEASING FACTOR :
ANTAGONISTS :
:

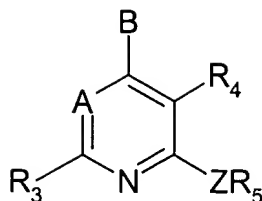
Mail Stop
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

DECLARATION UNDER 37 C.F.R. 1.132

Sir:

YUHPYNG L. CHEN, hereby declares, states and says that:

1. She received a B.S. from the National Cheng-Kung University in Taiwan (1975), a M.S. from Johns Hopkins University (1977), and a Ph.D. from the University of Michigan (1980).
2. She is currently employed by Pfizer Inc. as a research advisor in the Pfizer research facility in Groton, Connecticut, and she has worked at Pfizer Inc. for 21 years.
3. She is familiar with the subject matter of the above-identified application and the references cited therein.
4. The above-identified application is directed to a compound having general formula



I

as claimed in claim 1, and to compositions containing the compound claimed in claim 1.

5. The enclosed IC₅₀ data for binding to the CRF receptor show the effectiveness of representative compounds in treating the conditions recited in the claims.

6. A person skilled in the art would conclude on the basis of the effectiveness of the compounds as demonstrated by the enclosed IC₅₀ data that the applicant was in possession of the invention, and further that the person of ordinary skill in the art would be enabled to practice the invention.

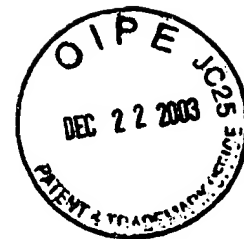
She further declares that all statements made herein of her own knowledge are true and all statements made on information and belief are believed to be true. All statements made herein are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under section 1001 of Title 18 of the United States Code, and that willful false statements may jeopardize the validity of the above application or any patent that may issue from it.

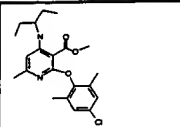
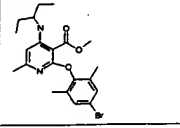
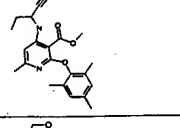
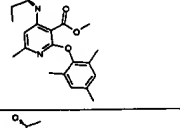
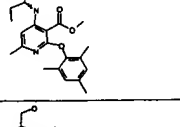
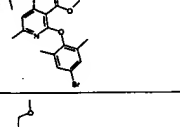
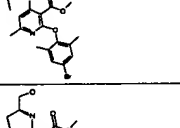
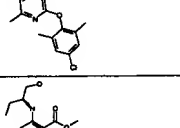
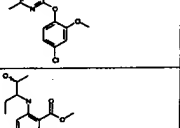
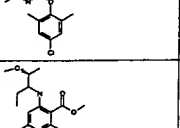
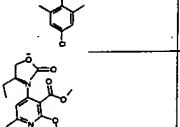
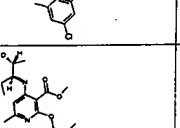
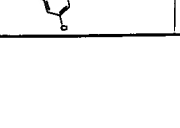
Date: Oct. 28, 2003

Yuhpyng L. Chen

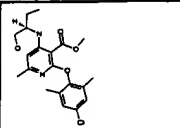
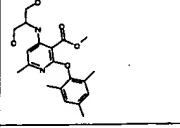
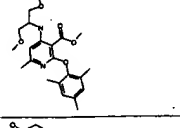
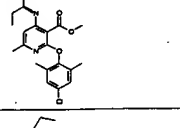
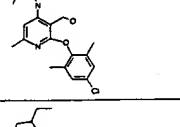
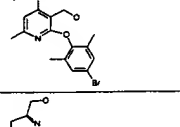
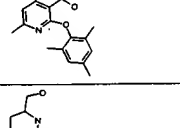
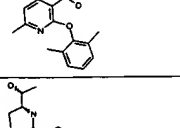
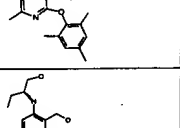
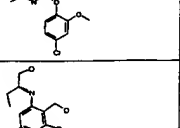
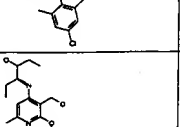
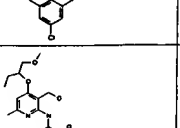
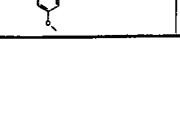


structure		CRH IC50(nM)
		400
		1000
		1000
		6.19
		2.67
		18.1
		8.12
		20.6
		103
		254
		2560
		11.1
		118

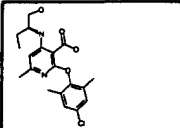
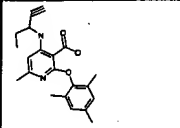
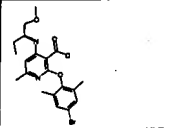
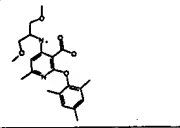
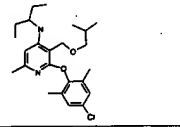
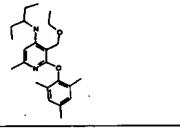
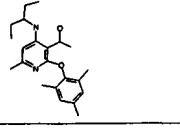
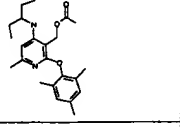
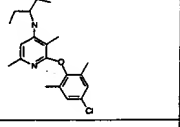
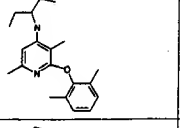
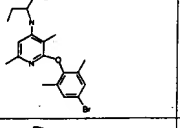
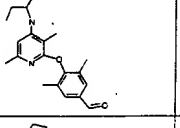
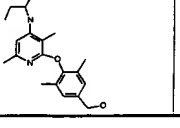


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		2.56
		9.57
		6.19
		9.75
		10.7
		15.7
		5.74
		55.6
		5.94
		1.44
		764
		9.45

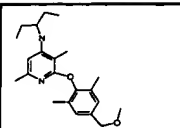
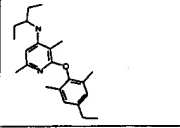
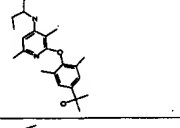
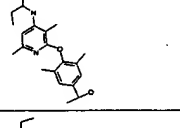
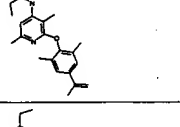
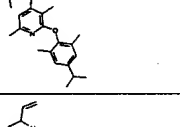
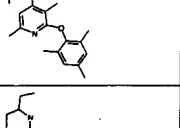
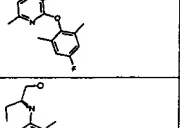
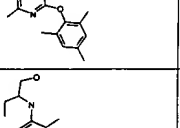
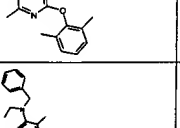
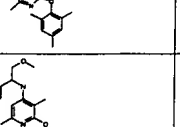
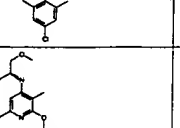
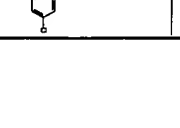


		27.9
		2830
		20.7
		8.07
		11.3
		4.47
		108
		177
		64.5
		420
		48.5
		25.8
		663

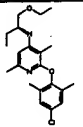
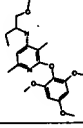
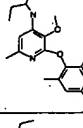
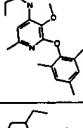
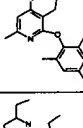
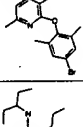
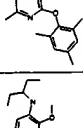
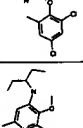
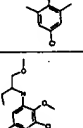
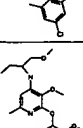
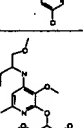
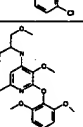



		2390
		2280
		393
		206
		303
		36.8
		14.2
		3.99
		8.68
		17.4
		5.54
		17.7
		83.4

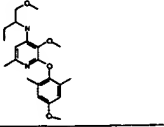
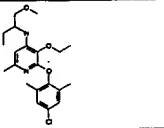
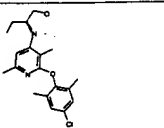
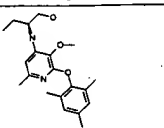
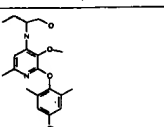
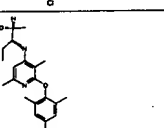
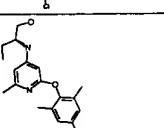
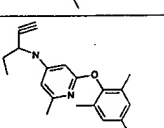
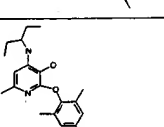
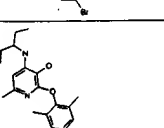
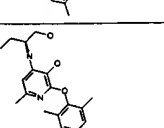
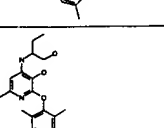
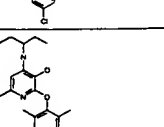


		4.45
		6.46
		31.7
		16.2
		1.68
		5.43
		17
		38.9
		10.9
		70.3
		156
		4.29
		4.85

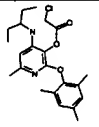
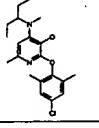
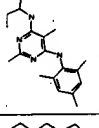
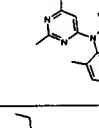
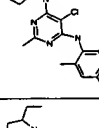
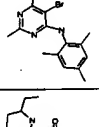
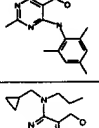
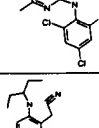
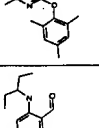
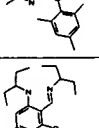
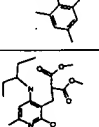
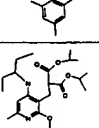
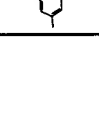


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		3.91
		19.5
		74.9
		71.7



		5.1
		9.83
		11.1
		19.4
		13
		6.01
		1360
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		2.3
		3.21
		61.7
		41.6
		9.48



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		60.2
		978
		9.31
		14.5
		3780
		489
		69.6
		5.07
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		499
		608



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		44.1
		48.8
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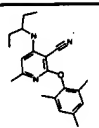
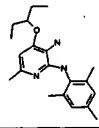
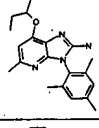
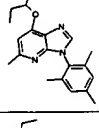
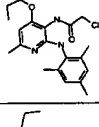
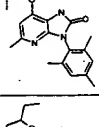
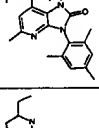
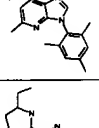
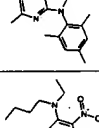
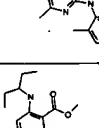
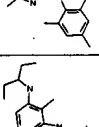
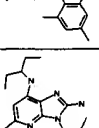



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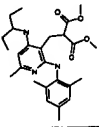
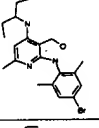
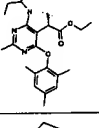
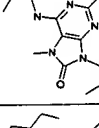
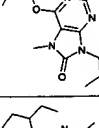
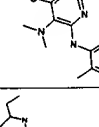
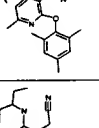
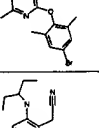
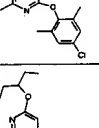
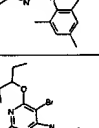
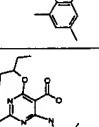
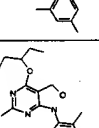
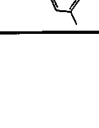


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		523
		14.9



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		32.1
		5.19
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		7.6
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		853
		36.8



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		26.3
		34.9
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		6.57
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		9.55



		74.2
		37.8
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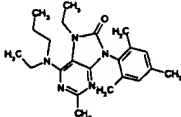
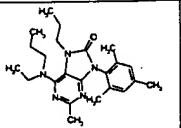
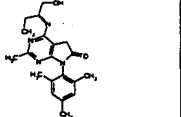
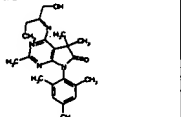
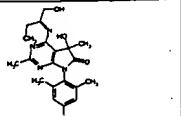
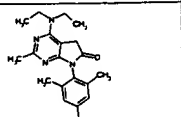
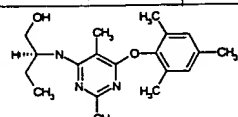
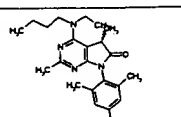
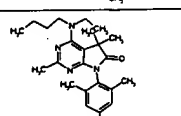
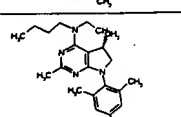
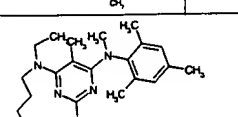
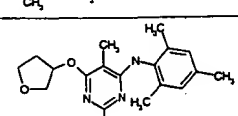
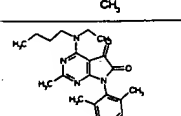


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		1000
		1000
		10100
		1000
		1000



PFIZER NUMB	MOLSTRUCTURE	IC50 (nM)
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		48

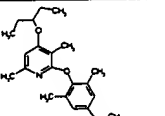
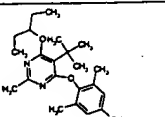
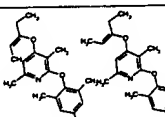
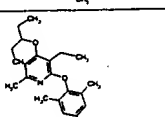
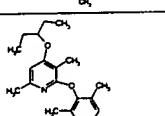
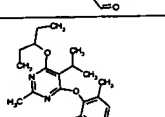
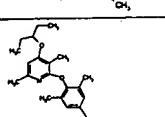
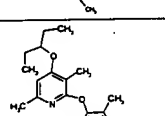
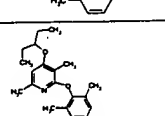
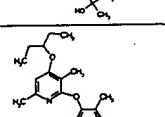
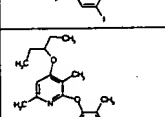
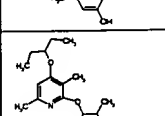
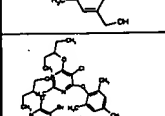


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	1	



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	41	



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	203	



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	12	
	41	



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	5	



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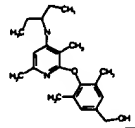
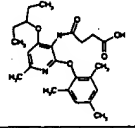
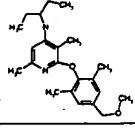
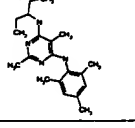
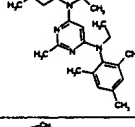
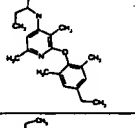
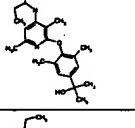
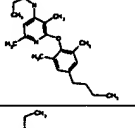
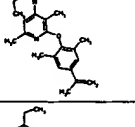
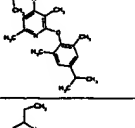
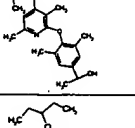
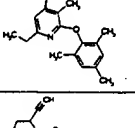
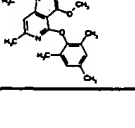


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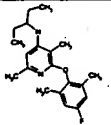
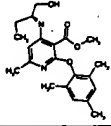
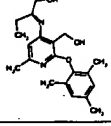
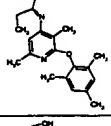
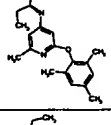
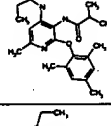
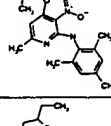
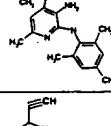
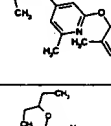
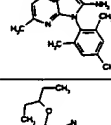
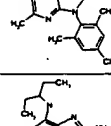
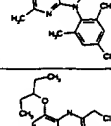
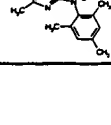


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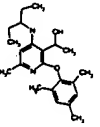
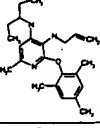
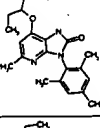
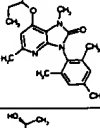
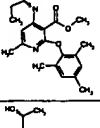
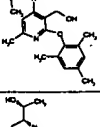
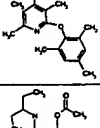
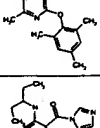
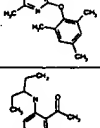
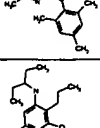
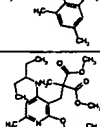
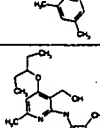
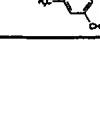


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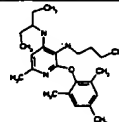
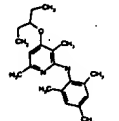
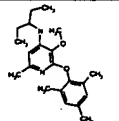
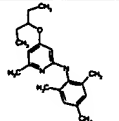
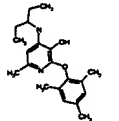
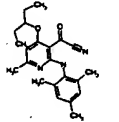
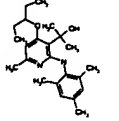
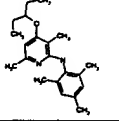
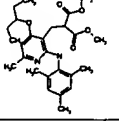
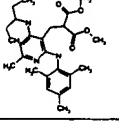
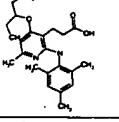
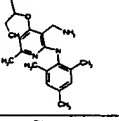
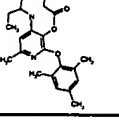


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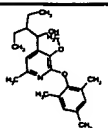
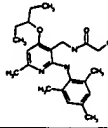
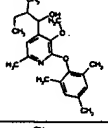
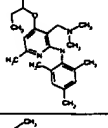
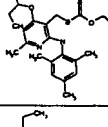
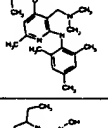
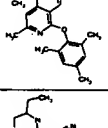
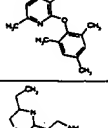
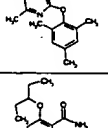
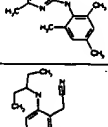
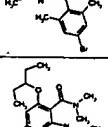
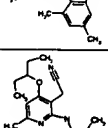
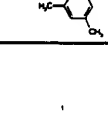


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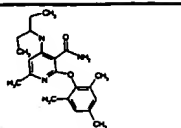
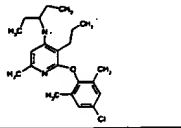
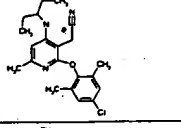
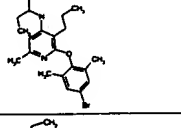
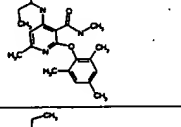
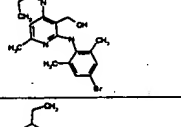
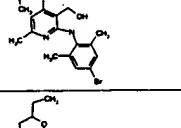
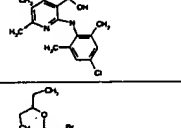
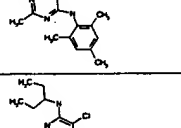
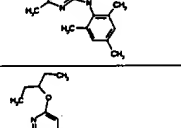
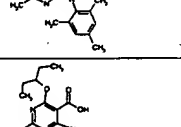
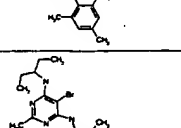
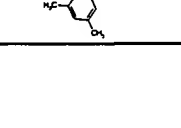


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